

GENERAL INCANDESCENT ARC LIGHT CO.

GENERAL SALES OFFICE
529 WEST 34TH STREET,
NEW YORK.

BULLETIN NO. 79

TRADE **G.I.** MARK

NOVEMBER, 1904

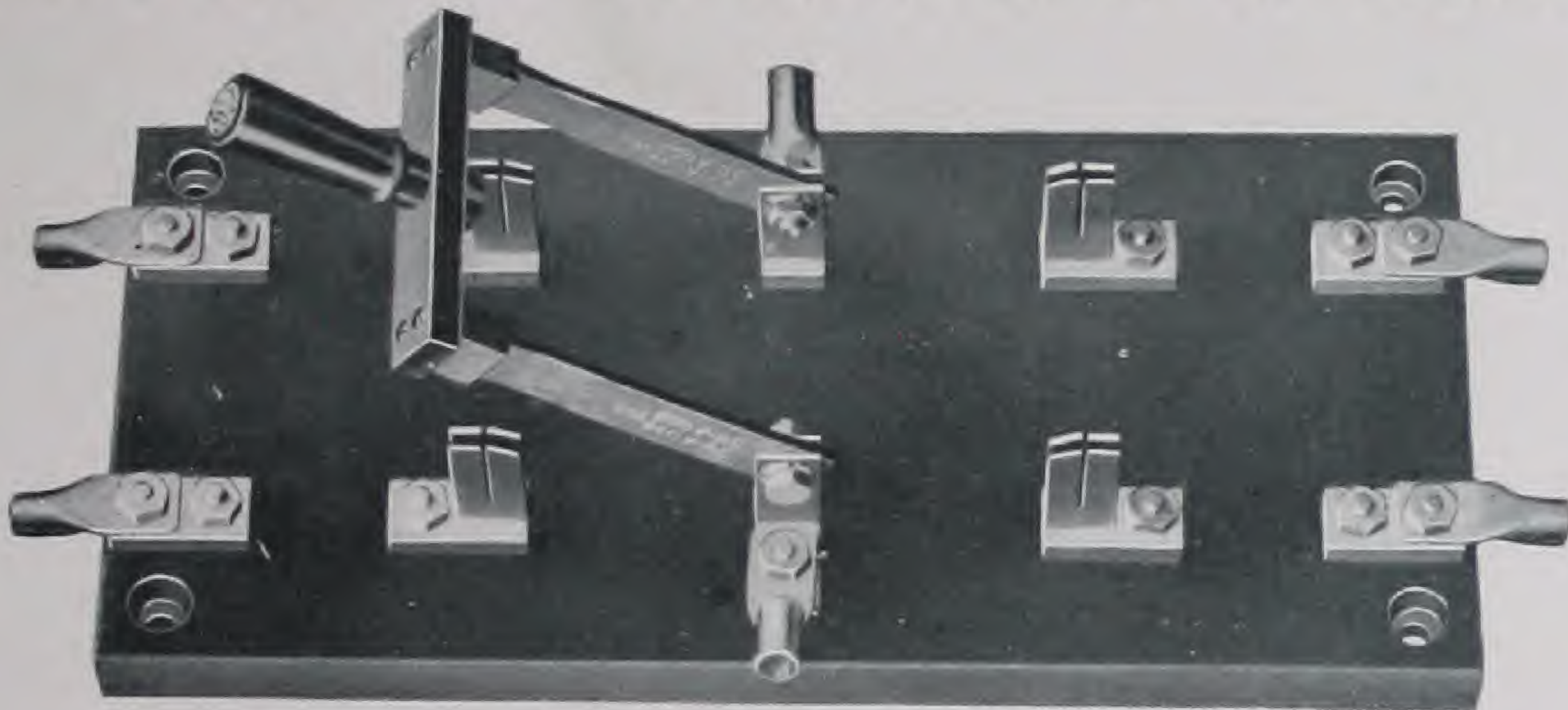
New York Office, 29 BROADWAY.

This Bulletin Forms Part of G. I. "Pink" Catalogue of Switchboard Appliances

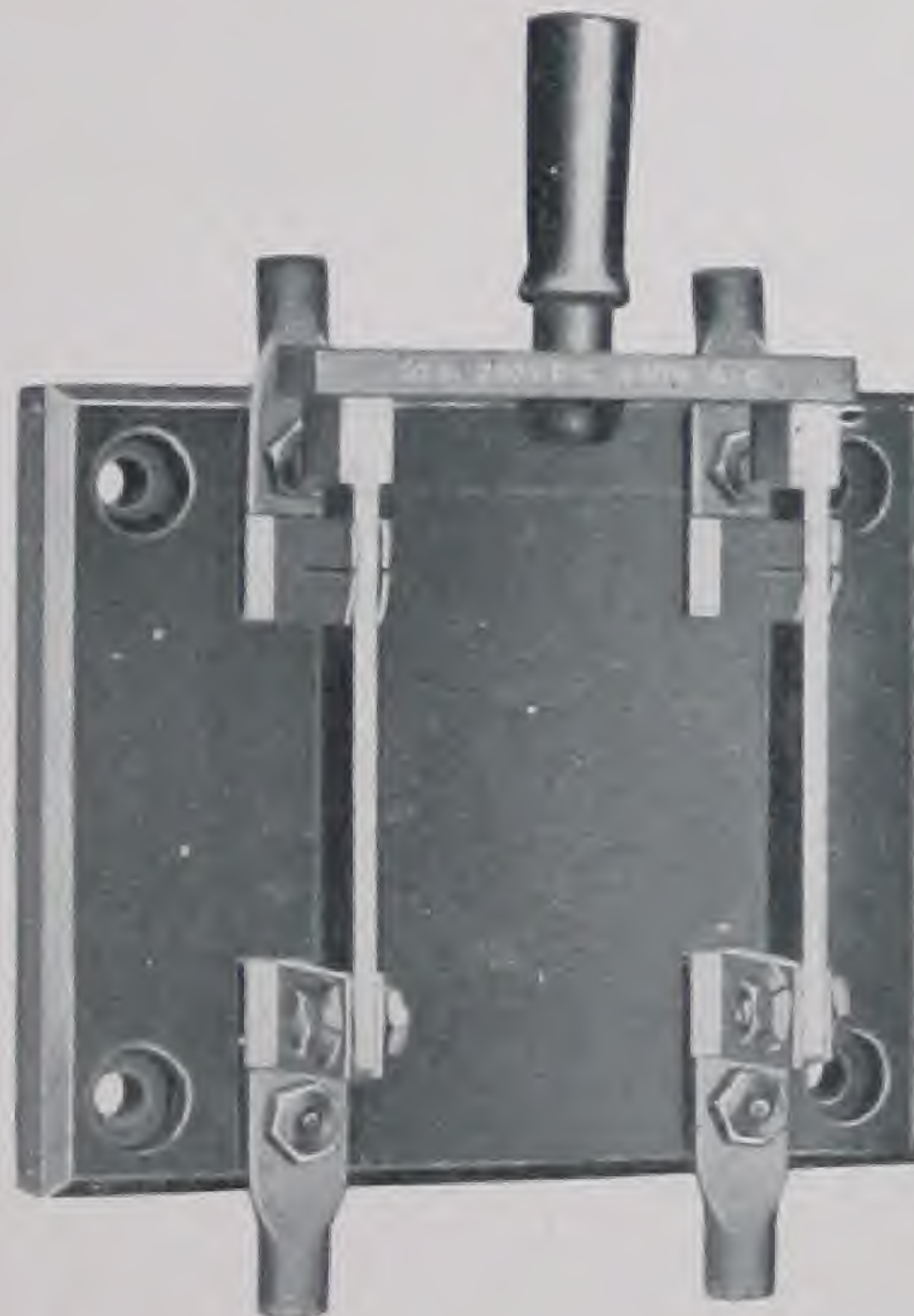
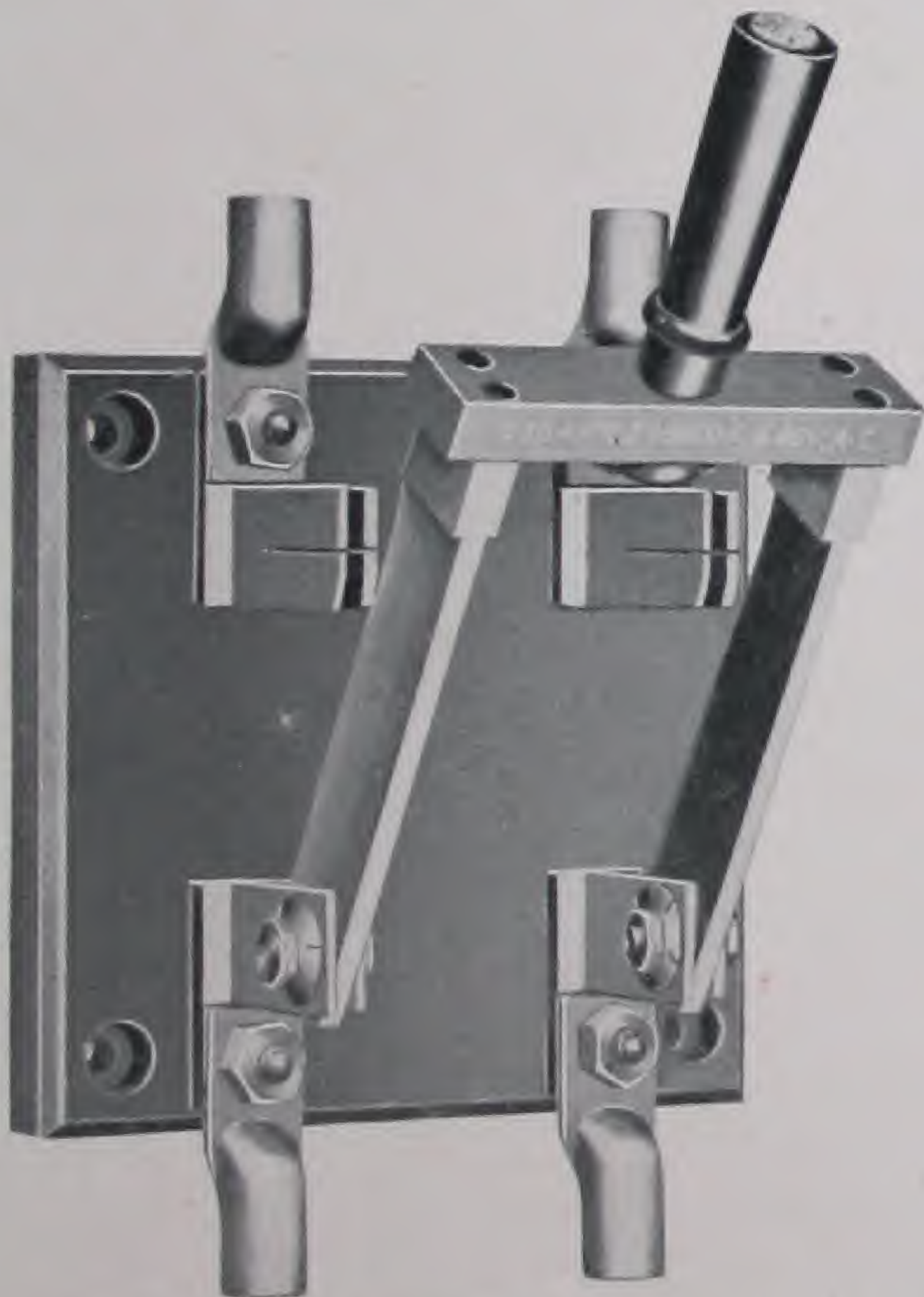
CODE WORDS: GINNICHIE TO GLASGIZON

G. I. TYPE 2 KNIFE SWITCHES

FRONT CONNECTED—250 VOLTS D. C., 440 VOLTS A. C.



FRANKLIN
INSTITUTE
LIBRARY



SINGLE, DOUBLE, TRIPLE AND FOUR POLE, SINGLE AND DOUBLE THROW
FRONT CONNECTED, WITH OR WITHOUT FUSE TERMINALS
DIPPED AND POLISHED FINISH

G. I. TYPE 2 KNIFE SWITCHES

Low Price
High Grade

The new **G. I. Type 2 Knife Switch**, described in this Bulletin, though low in price, includes, in its design and construction, all of the latest developments of a high grade switch.

Superiority

In constructing the **G. I. Type 2 Knife Switch**, we have aimed at mechanical and electrical perfection in both design and execution, and, as a result, are enabled to offer you a switch much superior to the majority of switches sold in the market at higher prices.

Reliability

The **G. I. Type 2 Knife or Blade Switch** will stand continued service under the severest conditions, being built on lines absolutely devoid of weak points.

Material

The material used in the **G. I. Type 2 Knife Switch** is the purest drawn copper; the cross-bars are made of carefully selected black fiber, and the handles which are of hard wood, with polished black finish, are attached by heavy studs and insulated nuts.

Construction

The knife clips are made of pure, hard drawn spring copper, securely pinned and soldered into the clip base. Good contact is maintained by hinged clips, provided with large and substantial spring washers, guarding against the slight wear following continued service. Provision has been made against contact working loose under the severest service conditions, by furnishing these spring washers with nuts positively locked.

Wearing
Quality

Blades

Every blade is made of one piece of pure hard drawn copper.

Front
Connected

Front Connected Knife Switches are mounted on a base of first-class slate tested and machined with precision, all screw heads being invisible.

Correct
Designs

Special attention has been paid to the correct designing of **G. I. Switches** of the smaller sizes for molding, wiring or open cleat work.

Facility of
Mounting

The **G. I. Type 2 Knife Switches** for front connection are particularly suitable for being grouped and mounted in any number on panel and switchboards on their own bases, thus facilitating the increasing or reducing of the number of switches at any time without disturbing the alignment.

Specifica-
tions

The **G. I. Type 2 Knife Switches** are furnished single, double, triple and four pole, single and double throw, front connected, with or without fuse terminals.

The **G. I. Type 2 Knife Switches** are finished to meet the existing requirements of the various switchboards and other installations in two styles, *viz.*:

Finish of
Base

Front Connected Switch Slate Bases are finished in dull black, which finish is durable, modern and attractive.

Finish of
Metal Parts

All metal parts are finished natural dipped and lacquered or highly polished or buffed and heavily lacquered which latter finish will match in appearance the best switchboard or other installation.

LIST PRICES OF G. I. TYPE 2 KNIFE SWITCHES
SINGLE THROW

250 VOLTS D. C., 440 VOLTS A. C.—FRONT CONNECTED ON SLATE BASES
WITH AND WITHOUT FUSE TERMINALS

G. I. TYPE 2 KNIFE SWITCHES

Amps.	Style	WITH FUSE TERMINALS			WITHOUT FUSE TERMINALS				
		Dipped Finish		Polished Finish	Dipped Finish		Polished Finish		
		Code Word	Price	Code Word	Price	Code Word	Price		
25	S.P.S.T.	Ginniche.....	\$1.40	Gipskozza....	\$1.75	Gitakkol.....	\$1.15	Giudicarak....	\$1.50
50	S.P.S.T.	Ginniff.....	2.00	Gipskruid.....	2.50	Gitanada.....	1.50	Giudicato.....	1.75
100	S.P.S.T.	Ginnikende....	3.25	Gipskuilen....	4.00	Gitaneamos....	2.50	Giudichi.....	3.00
200	S.P.S.T.	Ginno.....	4.75	Gipslaag.....	5.75	Gitaneando....	3.75	Giuditta.....	4.50
300	S.P.S.T.	Ginnonoti.....	6.75	Gipslagen.....	8.00	Gitanear.....	5.50	Giuggiola....	6.50
500	S.P.S.T.	Ginnopedia....	10.25	Gipsman.....	12.25	Gitaneases....	8.25	Giugnola.....	10.00
800	S.P.S.T.	Ginnostilo....	15.75	Gipsmarmor...	19.00	Gitanescas....	12.75	Giulebbano...	15.25
25	D.P.S.T.	Ginnotto.....	2.30	Gipsmizzy....	3.00	Gitanescep....	2.00	Giulebbarx...	2.70
50	D.P.S.T.	Ginnus.....	3.25	Gipsnehl.....	4.00	Gitanesco....	2.75	Giulebbava...	3.50
100	D.P.S.T.	Ginopogeno...	5.00	Gipsmolen....	6.00	Gitanismo....	3.75	Giulia.....	4.25
200	D.P.S.T.	Ginousele....	7.25	Gipsmuehle...	8.75	Gitano.....	5.50	Giuliano....	6.50
300	D.P.S.T.	Gipaeto.....	10.50	Gipsofen.....	12.50	Gittegom....	9.00	Giulivetto...	10.75
500	D.P.S.T.	Gipfelfels....	16.75	Gipsofila.....	20.00	Gittrig.....	14.00	Giulivita....	16.75
800	D.P.S.T.	Gipfelg.....	24.50	Gipsovens....	29.00	Giubba.....	21.00	Giulivo.....	25.00
25	T.P.S.T.	Gipfelkot.....	3.50	Gipsoxy.....	4.50	Giubbakky....	3.00	Giulizzo.....	3.75
50	T.P.S.T.	Gipfeltest....	4.50	Gipspfeife....	5.50	Giubbato....	3.50	Giumella....	4.25
100	T.P.S.T.	Gippius.....	6.50	Giqui.....	7.75	Giubbello....	5.00	Giumenta....	6.00
200	T.P.S.T.	Gipsachtig....	10.00	Gisamento....	12.00	Giubbone....	8.75	Giuncammo...	10.50
300	T.P.S.T.	Gipsafdruk....	15.00	Giscala.....	18.00	Giubilammo...	12.75	Giuncando...	15.25
500	T.P.S.T.	Gipsalbast....	23.00	Giselle.....	27.75	Giubilando...	19.75	Giuncassi...	23.75
800	T.P.S.T.	Gipsbild.....	36.00	Giskhala.....	43.25	Giubilassi...	30.00	Giuncavano...	36.00
25	4 P.S.T.	Gipfdim.....	5.00	Giskitt.....	6.00	Giubilatix....	4.00	Giuncavalk...	5.00
50	4 P.S.T.	Gipsen.....	6.75	Giskon.....	8.00	Giubilato....	5.50	Giuncavate...	6.50
100	4 P.S.T.	Gipsest.....	9.75	Gismondine...	11.75	Giubilava....	8.50	Giunchiamo...	10.00
200	4 P.S.T.	Gipsfigur.....	15.00	Gispa.....	18.00	Giubilo.....	13.00	Giunchiate...	15.50
300	4 P.S.T.	Gipskalk.....	22.00	Gistkuip.....	26.75	Giudaismo....	18.50	Giuncosa....	22.25
500	4 P.S.T.	Gipskop.....	34.00	Gistkuipen...	40.75	Giudicammo...	29.50	Giungevano...	35.50
800	4 P.S.T.	Gipskoppen...	53.50	Gitahy.....	64.25	Giudicando...	43.50	Giungi.....	52.25

Lugs are included in above prices.
Fuses are not included in above prices.

Prices subject to change without notice
Discounts on application.

10 Switches, assorted sizes, may be
considered Standard Packages.

LIST PRICES OF G. I. TYPE 2 KNIFE SWITCHES DOUBLE THROW

250 VOLTS D. C., 440 VOLTS A. C.—FRONT CONNECTED ON SLATE BASES
WITH AND WITHOUT FUSE TERMINALS

Amps.	Style	WITH FUSE TERMINALS				WITHOUT FUSE TERMINALS			
		Dipped Finish		Polished Finish		Dipped Finish		Polished Finish	
		Code Word	Price	Code Word	Price	Code Word	Price	Code Word	Price
25	S.P.D.T.	Giuncam	\$1.90	Gladdokel	\$2.30	Glaettling	\$1.65	Glansaz	\$2.00
50	S.P.D.T.	Giungono	3.00	Gladdon	3.50	Glaettly	2.50	Glansden	3.00
100	S.P.D.T.	Giunta	4.50	Gladful	5.50	Glaettofen	3.50	Glansgras	4.25
200	S.P.D.T.	Giuntaste	6.75	Gladharig	8.00	Glaebig	5.75	Glanshout	7.00
300	S.P.D.T.	Giuntura	10.00	Gladheid	12.50	Glagol	8.50	Glanskool	10.00
500	S.P.D.T.	Giuramento	15.75	Gladhout	19.00	Glaise	13.00	Glanspap	15.50
800	S.P.D.T.	Giurista	24.00	Gladiatam	28.75	Glaivane	20.50	Glansstaf	24.50
25	D.P.D.T.	Giusaqua	3.50	Gladiatapa	4.50	Glaixar	3.00	Glansuk	3.75
50	D.P.D.T.	Giusarma	4.75	Gladiate	5.50	Glammet	3.75	Glansvlieg	4.50
100	D.P.D.T.	Giuseppe	6.75	Gladiateur	8.00	Glanais	5.25	Glanum	6.25
200	D.P.D.T.	Giuseppina	10.00	Gladiator	12.50	Glancing	8.75	Glaphique	10.50
300	D.P.D.T.	Giusquiamo	15.00	Gladiatrix	18.00	Glancingly	12.75	Glaphyrus	15.25
500	D.P.D.T.	Giustifico	23.00	Gladly	27.75	Glandage	19.75	Glapisant	23.75
800	D.P.D.T.	Giustina	36.00	Gladmaken	43.25	Glandarium	30.00	Glarans	36.00
25	T.P.D.T.	Giustiqui	5.50	Gladmaxa	6.50	Glandekit	4.50	Glaransyk	5.50
50	T.P.D.T.	Giusto	7.25	Gladness	8.75	Glandicula	6.00	Glarantem	7.25
100	T.P.D.T.	Glabrate	10.00	Gladship	12.00	Glandiform	8.75	Glarantis	10.50
200	T.P.D.T.	Glabriated	15.50	Gladsome	18.75	Glandina	13.50	Glarantium	16.25
300	T.P.D.T.	Glabritati	22.50	Gladsomey	27.00	Glandium	19.00	Glariness	23.00
500	T.P.D.T.	Glabrity	35.00	Gladwin	42.00	Glandola	30.50	Glaring	36.50
800	T.P.D.T.	Gladachtig	54.50	Gladwyns	65.50	Glandonis	44.50	Glaringly	53.50
25	4 P.D.T.	Gladmaken	7.25	Glaebakok	8.75	Glandukip	6.00	Glarop	7.25
50	4 P.D.T.	Gladbeitel	10.00	Glaebales	12.00	Glandulas	8.50	Glasafval	10.50
100	4 P.D.T.	Glabbekken	14.00	Glaebam	16.75	Glandule	12.50	Glasauge	15.00
200	4 P.D.T.	Gladde	25.00	Glaeschen	30.00	Glanduleux	23.00	Glasbruch	27.75
300	4 P.D.T.	Gladdened	35.00	Glaettbein	42.00	Glandulita	31.50	Glasfaden	38.00
500	4 P.D.T.	Gladdening	52.50	Glaette	63.00	Glanduloso	46.00	Glasfritte	55.25
800	4 P.D.T.	Gladding	80.00	Glaettest	96.00	Glanons	70.00	Glasgalle	84.00

Lugs are included in above prices.
Fuses are not included in above prices.

Prices subject to change without notice.
Discounts on application.

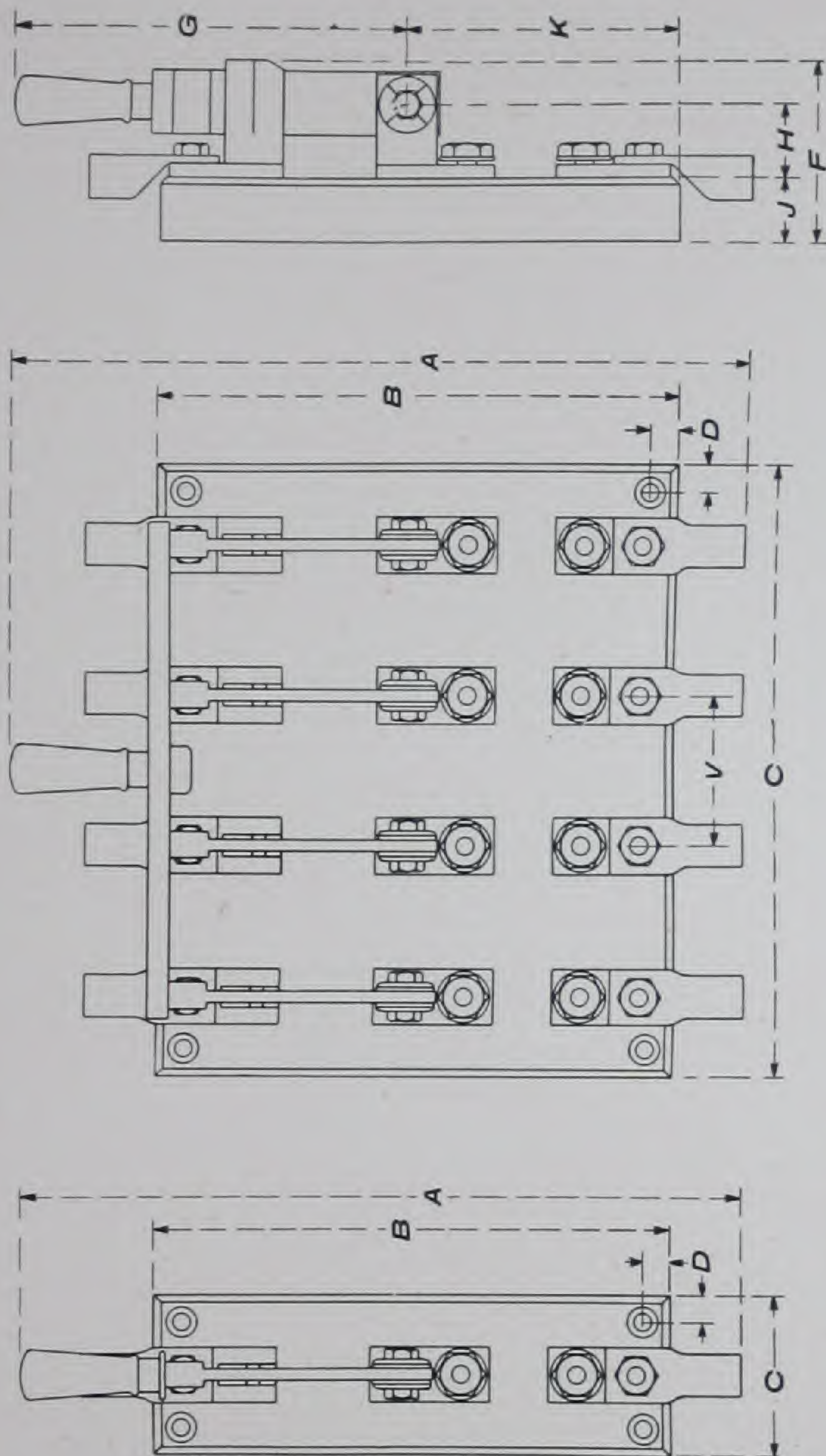
10 Switches, assorted sizes, may be
considered Standard Packages.

DIMENSIONS OF G. I. TYPE 2 KNIFE SWITCHES

SINGLE THROW

FRONT CONNECTED, WITH BASES AND FUSE TERMINALS

250 VOLTS D. C., 440 VOLTS A. C.



For dimension table, see page 6.

DIMENSIONS OF G. I. TYPE 2 KNIFE SWITCHES

SINGLE THROW

WITH BASES AND FUSE TERMINALS

250 VOLTS D. C., 440 VOLTS A. C.

G. I. TYPE 2 KNIFE SWITCHES

AMP.	SINGLE POLE										AMP.	DOUBLE POLE										
	Code Word	A	B	C	D	F	G	H	J	K		Code Word	A	B	C	D	F	G	H	J	K	V
50	* { Ginniff to Ginnostilo Gipskruid to Gipsmarmor }	10 $\frac{3}{16}$	7 $\frac{1}{4}$	2 $\frac{7}{8}$	1 $\frac{9}{16}$	2 $\frac{3}{8}$	5 $\frac{3}{4}$	1 $\frac{1}{8}$	3 $\frac{3}{4}$	3 $\frac{9}{16}$	50	* { Ginnus to Gipfelig Gipsnehl to Gipsovens }	10 $\frac{3}{8}$	7 $\frac{1}{4}$	5 $\frac{3}{4}$	1 $\frac{9}{16}$	2 $\frac{3}{8}$	5 $\frac{13}{16}$	1 $\frac{1}{8}$	3 $\frac{3}{4}$	3 $\frac{9}{16}$	2 $\frac{3}{8}$
100		11 $\frac{13}{16}$	8	3	1 $\frac{5}{16}$	2 $\frac{1}{2}$	6 $\frac{13}{16}$	1 $\frac{1}{4}$	3 $\frac{3}{4}$	4	100		12 $\frac{13}{16}$	8	6	1 $\frac{5}{16}$	2 $\frac{1}{2}$	7 $\frac{13}{16}$	1 $\frac{1}{4}$	3 $\frac{3}{4}$	4	3
200		14 $\frac{1}{16}$	9 $\frac{1}{2}$	3 $\frac{3}{8}$	1 $\frac{7}{8}$	2 $\frac{13}{16}$	7 $\frac{7}{8}$	1 $\frac{7}{16}$	1 $\frac{1}{2}$	4 $\frac{3}{4}$	200		14 $\frac{7}{16}$	9 $\frac{1}{2}$	6 $\frac{3}{4}$	1 $\frac{7}{8}$	2 $\frac{13}{16}$	8 $\frac{1}{4}$	1 $\frac{7}{16}$	1 $\frac{1}{2}$	4 $\frac{3}{4}$	3 $\frac{3}{8}$
300		16 $\frac{5}{16}$	10 $\frac{3}{4}$	3 $\frac{1}{2}$	1 $\frac{15}{16}$	3 $\frac{9}{16}$	9 $\frac{1}{8}$	1 $\frac{15}{16}$	1 $\frac{1}{2}$	5 $\frac{5}{16}$	300		16 $\frac{13}{16}$	10 $\frac{3}{4}$	7	1 $\frac{15}{16}$	3 $\frac{9}{16}$	9 $\frac{3}{8}$	1 $\frac{15}{16}$	1 $\frac{1}{2}$	5 $\frac{5}{16}$	3 $\frac{1}{2}$
500		21 $\frac{1}{16}$	14 $\frac{3}{4}$	4 $\frac{1}{8}$	1 $\frac{11}{16}$	5	11 $\frac{3}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{2}$	7 $\frac{3}{8}$	500		21 $\frac{11}{16}$	14 $\frac{3}{4}$	8 $\frac{1}{4}$	1 $\frac{11}{16}$	5	12	2 $\frac{3}{8}$	1 $\frac{1}{2}$	7 $\frac{3}{8}$	4 $\frac{1}{8}$
800		26 $\frac{1}{2}$	18 $\frac{1}{2}$	5	3 $\frac{1}{4}$	6 $\frac{1}{8}$	13 $\frac{3}{8}$	3	1 $\frac{1}{2}$	9 $\frac{1}{2}$	800		18 $\frac{1}{2}$	10	3 $\frac{1}{4}$	6 $\frac{1}{8}$	14	3	1 $\frac{1}{2}$	9 $\frac{1}{2}$	5	
AMP.	TRIPLE POLE										AMP.	FOUR POLE										
	Code Word	A	B	C	D	F	G	H	J	K		Code Word	A	B	C	D	F	G	H	J	K	V
50	* { Gipfeltest to Gipsbild Gipspeife to Giskhala }	10 $\frac{3}{8}$	7 $\frac{1}{4}$	8 $\frac{3}{8}$	1 $\frac{5}{16}$	2 $\frac{3}{8}$	5 $\frac{13}{16}$	1 $\frac{1}{8}$	3 $\frac{3}{4}$	2 $\frac{3}{8}$	50	* { Gipsen to Gipskoppen Giskon to Gitahy }	10 $\frac{9}{16}$	7 $\frac{1}{4}$	11 $\frac{1}{2}$	1 $\frac{5}{16}$	2 $\frac{3}{8}$	6 $\frac{1}{8}$	1 $\frac{1}{8}$	3 $\frac{3}{4}$	3 $\frac{9}{16}$	2 $\frac{3}{8}$
100		12 $\frac{13}{16}$	8	9	1 $\frac{5}{16}$	2 $\frac{1}{2}$	7 $\frac{13}{16}$	1 $\frac{1}{4}$	3 $\frac{3}{4}$	4	100		12 $\frac{13}{16}$	8	12	1 $\frac{5}{16}$	2 $\frac{1}{2}$	7 $\frac{13}{16}$	1 $\frac{1}{4}$	3 $\frac{3}{4}$	4	3
200		14 $\frac{1}{16}$	9 $\frac{1}{2}$	10 $\frac{1}{8}$	1 $\frac{7}{8}$	2 $\frac{13}{16}$	8 $\frac{1}{4}$	1 $\frac{7}{16}$	1 $\frac{1}{2}$	4 $\frac{3}{4}$	200		14 $\frac{9}{16}$	9	13 $\frac{1}{2}$	1 $\frac{7}{8}$	2 $\frac{13}{16}$	8 $\frac{3}{8}$	1 $\frac{7}{16}$	1 $\frac{1}{2}$	4 $\frac{3}{4}$	3 $\frac{3}{8}$
300		16 $\frac{5}{16}$	10 $\frac{3}{4}$	10 $\frac{1}{2}$	1 $\frac{15}{16}$	3 $\frac{9}{16}$	9 $\frac{1}{8}$	1 $\frac{15}{16}$	1 $\frac{1}{2}$	5 $\frac{5}{16}$	300		16 $\frac{13}{16}$	10 $\frac{3}{4}$	14	1 $\frac{15}{16}$	3 $\frac{9}{16}$	9 $\frac{3}{8}$	1 $\frac{15}{16}$	1 $\frac{1}{2}$	5 $\frac{5}{16}$	3 $\frac{1}{2}$
500		21 $\frac{1}{16}$	14 $\frac{3}{4}$	12 $\frac{3}{8}$	1 $\frac{11}{16}$	5	12	2 $\frac{3}{8}$	1 $\frac{1}{2}$	7 $\frac{3}{8}$	500		21 $\frac{11}{16}$	14 $\frac{3}{4}$	16 $\frac{1}{2}$	1 $\frac{11}{16}$	5	12	2 $\frac{3}{8}$	1 $\frac{1}{2}$	7 $\frac{3}{8}$	4 $\frac{1}{8}$
800		27 $\frac{1}{8}$	18 $\frac{1}{2}$	15	3 $\frac{1}{4}$	6 $\frac{1}{8}$	14	3	1 $\frac{1}{2}$	9 $\frac{1}{2}$	800		18 $\frac{1}{2}$	20	3 $\frac{1}{4}$	6 $\frac{1}{8}$	14	3	1 $\frac{1}{2}$	9 $\frac{1}{2}$	5	

NOTE—25 ampere switches are not included in the above table.
For dimension drawing, see page 5.
*Dipped finish. } See page 3.
†Polished finish. }

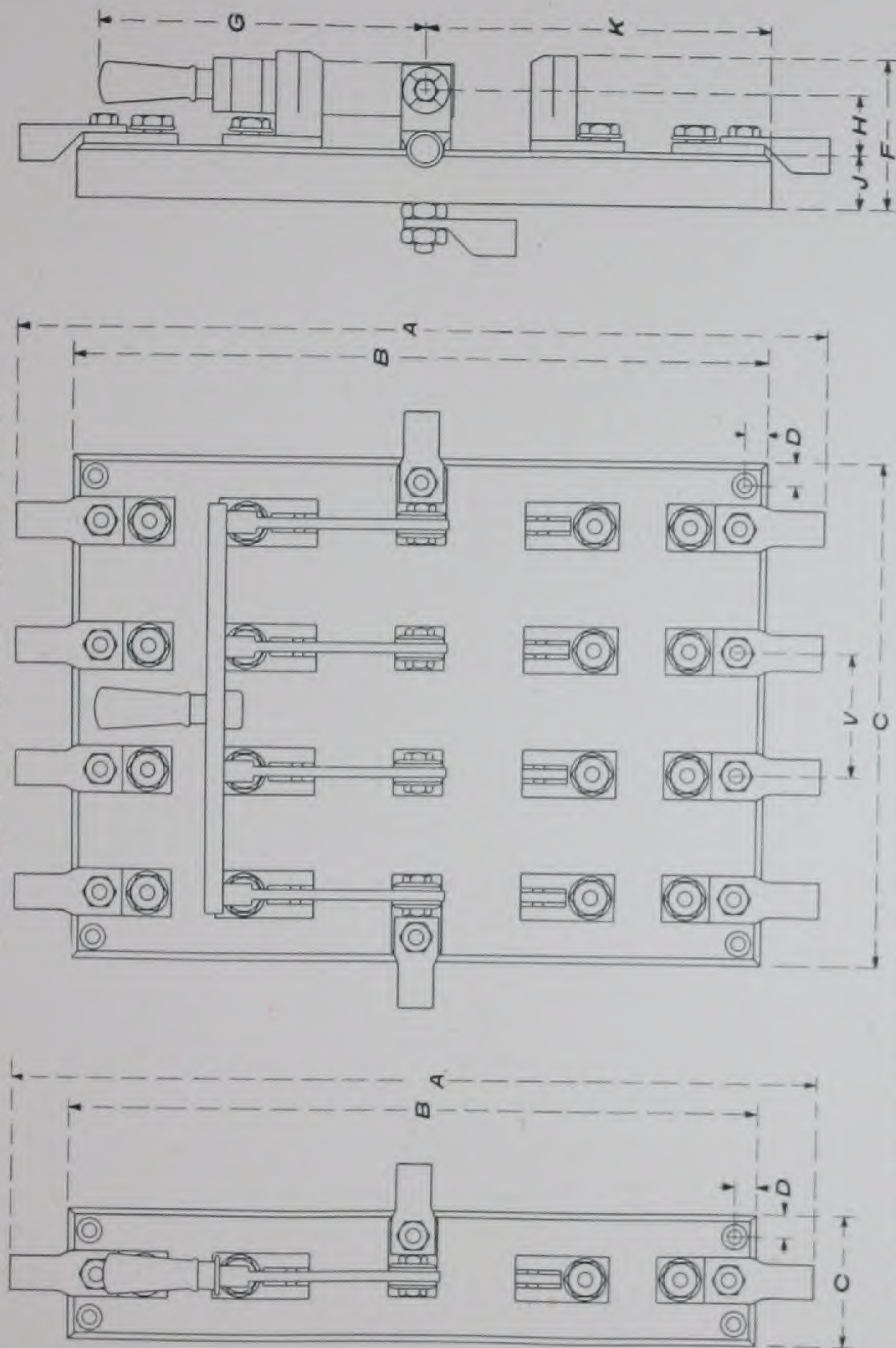
G. 1. TYPE 2 KNIFE SWITCHES

DIMENSIONS OF G. 1. TYPE 2 KNIFE SWITCHES

DOUBLE THROW

FRONT CONNECTED, WITH BASES AND FUSE TERMINALS

250 VOLTS D. C., 440 VOLTS A. C.



For dimension table, see page 8.

DIMENSIONS OF G. I. TYPE 2 KNIFE SWITCHES

DOUBLE THROW

WITH BASES AND FUSE TERMINALS

250 VOLTS D. C., 440 VOLTS A. C.

G. I. TYPE 2 KNIFE SWITCHES

AMP.	SINGLE POLE											DOUBLE POLE										
	Code Word	A	B	C	D	F	G	H	J	K	AMP.	Code Word	A	B	C	D	F	G	H	J	K	V
50	* { Giungono to Giurista } † { Gladdon to Gladiatam }	14 1/8	12 3/8	2 7/8	1 1/16	2 3/32	5 3/8	1 1/8	3/4	6 1/16	50	* { Giusarima to Giustina } † { Gladiate to Gladmaken }	14 1/8	12 3/8	5 3/4	1 1/16	2 3/32	5 11/16	1 1/8	3/4	6 1/16	2 7/8
100		15 1/2	13 1/2	3	1 1/16	2 1/2	6 13/16	1 1/4	3/4	6 3/4	100		15 1/2	13 1/2	6	1 1/16	2 1/2	7 11/16	1 1/4	3/4	6 3/4	3
200		18 7/8	16	3 3/8	3/8	2 11/16	7 7/8	1 7/16	3/4	8	200		18 7/8	16	6 3/4	3/8	2 11/16	8 1/4	1 7/16	3/4	8	3 3/8
300		21 3/8	17 7/8	3 1/2	3/8	3 3/16	9 1/8	1 11/16	1	8 15/16	300		21 3/8	17 7/8	7	3/8	3 3/16	9 3/8	1 11/16	1	8 15/16	3 1/2
500		28 3/8	24 1/2	4 1/8	11/16	5	11 3/8	2 3/8	1 1/4	12 1/4	500		28 3/8	24 1/2	8 1/4	11/16	5	12	2 3/8	1 1/4	12 1/4	4 1/8
800		37 1/4	30	5	3/4	6 1/8	13 3/8	3	1 1/2	15	800		37 1/4	30	10	3/4	6 1/8	14	3	1 1/2	15	5
AMP.	TRIPLE POLE											FOUR POLE										
	Code Word	A	B	C	D	F	G	H	J	K	AMP.	Code Word	A	B	C	D	F	G	H	J	K	V
50	* { Giusto to Gladachtig } † { Gladness to Gladwyns }	14 1/8	12 3/8	8 3/8	1 1/16	2 3/32	5 11/16	1 1/8	3/4	6 1/16	50	* { Gladbeitel to Gladding } † { Glaebales to Glaettest }	14 1/8	12 3/8	11 1/2	1 1/16	2 3/32	6 1/8	1 1/8	3/4	6 1/16	2 7/8
100		15 1/2	13 1/2	9	1 1/16	2 1/2	7 11/16	1 1/4	3/4	6 3/4	100		15 1/2	13 1/2	12	1 1/16	2 1/2	7 11/16	1 1/4	3/4	6 3/4	3
200		18 7/8	16	10 1/8	3/8	2 11/16	8 1/4	1 7/16	3/4	8	200		18 7/8	16	13 1/2	3/8	2 11/16	8 3/8	1 7/16	3/4	8	3 3/8
300		21 3/8	17 7/8	10 1/2	3/8	3 3/16	9 3/8	1 11/16	1	8 15/16	300		21 3/8	17 7/8	14	3/8	3 3/16	9 3/4	1 11/16	1	8 15/16	3 1/2
500		28 3/8	24 1/2	12 3/8	11/16	5	12	2 3/8	1 1/4	12 1/4	500		28 3/8	24 1/2	16 1/2	11/16	5	12	2 3/8	1 1/4	12 1/4	4 1/8
800		37 1/4	30	15	3/4	6 1/8	14	3	1 1/2	15	800		37 1/4	30	20	3/4	6 1/8	14	3	1 1/2	15	5

Note—25 ampere switches are not included in the above table.
 For dimension drawing, see page 7.
 *Dipped finish. † See page 4.
 †Polished finish.

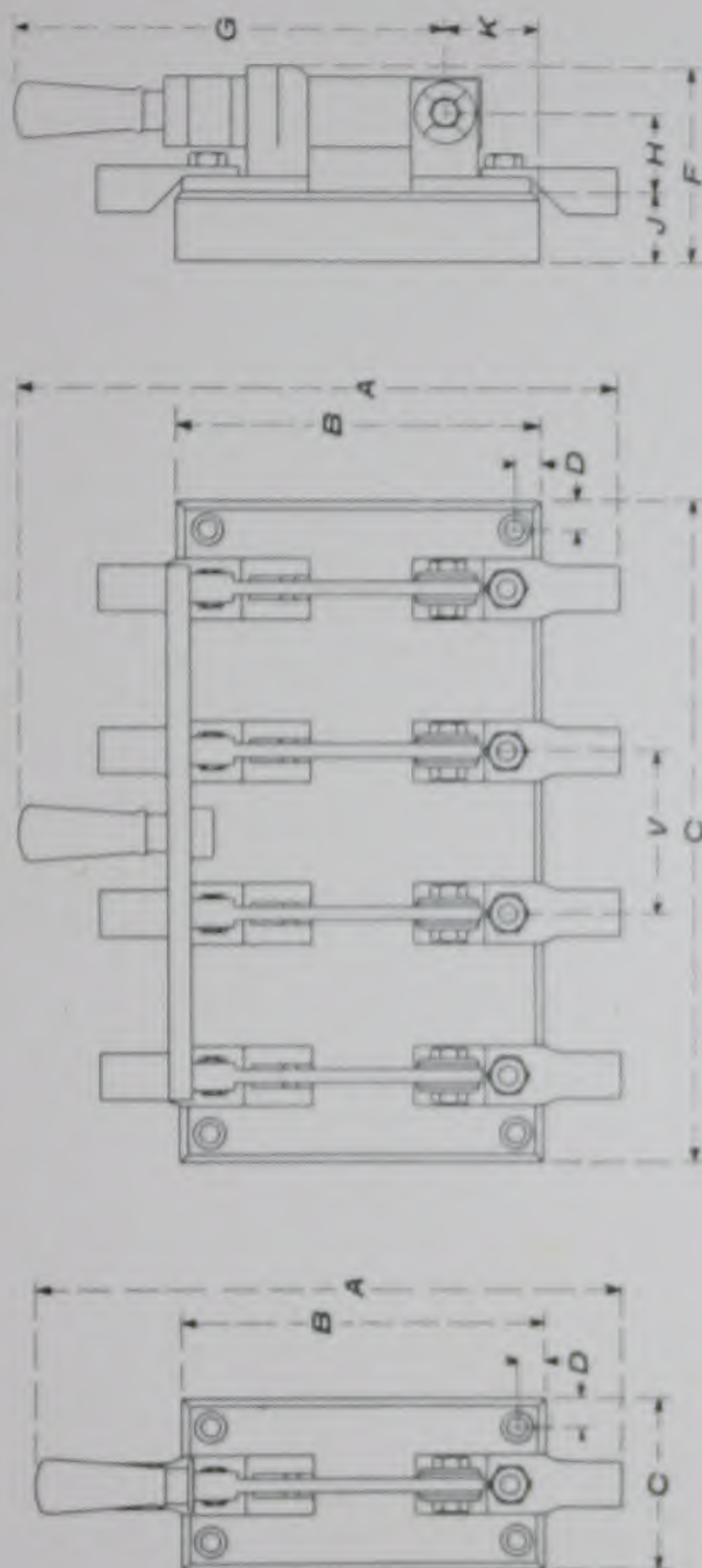
G. 1. TYPE 2 KNIFE SWITCHES

DIMENSIONS OF G. 1. TYPE 2 KNIFE SWITCHES

SINGLE THROW

FRONT CONNECTED, WITH BASES, WITHOUT FUSE TERMINALS

250 VOLTS D. C., 440 VOLTS A. C.



For dimension table, see page 10.

G. I. TYPE 2 KNIFE SWITCHES

DIMENSIONS OF G. I. TYPE 2 KNIFE SWITCHES

SINGLE THROW

WITH BASES, WITHOUT FUSE TERMINALS

250 VOLTS D. C., 440 VOLTS A. C.

SINGLE POLE											DOUBLE POLE											
AMP.											AMP.											
	Code Word	A	B	C	D	F	G	H	J	K		Code Word	A	B	C	D	F	G	H	J	K	V
50	* { Gitanada to Gitanescas } † { Giudicato to Giulebbano }	7 1/4	4 1/4	2 3/8	1 1/8	2 1/8	5 3/4	1 1/4	3	1 1/8	50	* { Gitanesco to Giubba } † { Giulebbava to Giulivo }	7 7/8	4 1/4	5 3/4	1 1/8	2 3/8	5 1/8	1 1/4	3	1 1/8	2 1/4
100		8 1/4	5 1/4	3	1 1/8	2 1/8	6 1/4	1 1/4	3	1 1/8	100		9 1 1/2	5 1/4	6	1 1/8	2 1/2	7 1/4	1 1/4	3	1 1/8	3
200		10 1/4	6 1/4	3 3/8	1 1/8	2 1/8	7 3/8	1 1/8	3	1 1/8	200		11 1/8	6 1/4	6 3/4	1 1/8	2 1/8	8 1/4	1 1/8	3	1 1/8	3 3/8
300		12 1/4	7 1/4	3 1/2	1 1/8	3 1/8	9 1/4	1 1/8	1	1 1/8	300		13 5/8	7 1/4	7	1 1/8	3 1/8	9 5/8	1 1/8	1	1 1/8	3 1/2
500		16 1/4	10	4 1/2	1 1/8	5	11 3/4	2 3/8	1 1/4	2 1/8	500		16 1/8	10	8 1/4	1 1/8	5	12	2 3/8	1 1/4	2 1/8	4 1/2
800	20 1/4	12 1/4	5	1 1/8	6 1/4	13 3/4	3	1 1/4	3 1/4	800	21 1/4	12 1/2	10	1 1/8	6 1/4	14	3	1 1/2	3 1/2	5		

TRIPLE POLE											FOUR POLE											
AMP.											AMP.											
	Code Word	A	B	C	D	F	G	H	J	K		V	Code Word	A	B	C	D	F	G	H	J	K
50	* { Giubbato to Giubilassi } † { Giunella to Giuncavano }	7 1/4	4 1/4	8 3/4	1 1/8	2 1/8	5 1/8	1 1/4	3	1 1/8	50	* { Giubilato to Giudicando } † { Giuncavate to Giungi }	8 1/8	4 3/4	11 1/2	1 1/8	2 3/8	6 1/4	1 1/4	3	1 1/8	2 1/4
100		9 1/4	5 1/4	9	1 1/8	2 1/8	7 1/4	1 1/4	3	1 1/8	100		9 1 1/2	5 1/4	12	1 1/8	2 1/2	7 1/4	1 1/4	3	1 1/8	3
200		11 1/4	6 1/4	10 1/4	1 1/8	2 1/8	8 1/4	1 1/8	3	1 1/8	200		11 5/8	6 1/4	13 1/2	1 1/8	2 1/8	8 3/8	1 1/8	3	1 1/8	3 3/8
300		13 1/4	7 1/4	10 1/4	1 1/8	3 1/8	9 1/4	1 1/8	1	1 1/8	300		13 1/8	7 1/4	14	1 1/8	3 1/8	9 3/4	1 1/8	1	1 1/8	3 1/2
500		16 1/4	10	12 1/4	1 1/8	5	12	2 3/8	1 1/4	2 1/8	500		16 1/8	10	16 1/2	1 1/8	5	12	2 3/8	1 1/4	2 1/8	4 1/2
800	21 1/4	12 1/4	15	1 1/8	6 1/4	14	3	1 1/4	3 1/4	800	21 1/4	12 1/2	20	1 1/8	6 1/4	14	3	1 1/2	3 1/2	5		

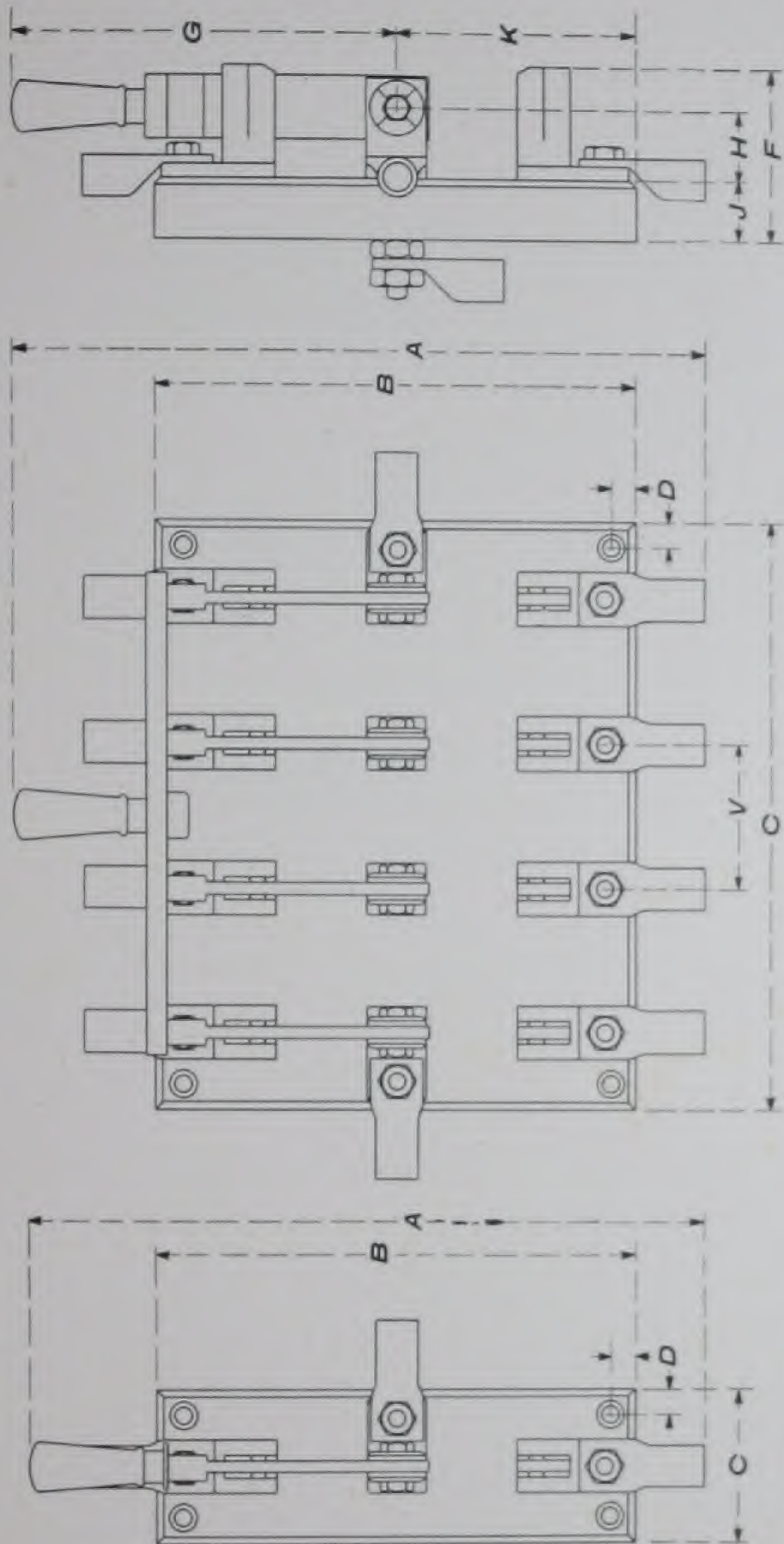
NOTE—25 ampere switches are not included in the above table.
For dimension drawing, see page 9.
*Dipped finish. † Polished finish. See page 3.

DIMENSIONS OF G. I. TYPE 2 KNIFE SWITCHES

DOUBLE THROW

FRONT CONNECTED, WITH BASES, WITHOUT FUSE TERMINALS

250 VOLTS D. C., 440 VOLTS A. C.



For dimension table, see page 12.

DIMENSIONS OF G. I. TYPE 2 KNIFE SWITCHES DOUBLE THROW WITH BASES, WITHOUT FUSE TERMINALS 250 VOLTS D. C., 440 VOLTS A. C.

AMP.	SINGLE POLE										AMP.	DOUBLE POLE											
	Code Word	A	B	C	D	F	G	H	J	K		Code Word	A	B	C	D	F	G	H	J	K	V	
50	* { Glaettly to Glaivane Glandsden to Glanstaf }	10 $\frac{1}{16}$	7 $\frac{3}{8}$	2 $\frac{7}{8}$	2 $\frac{1}{8}$	2 $\frac{3}{8}$	5 $\frac{1}{4}$	1 $\frac{1}{8}$	3 $\frac{1}{4}$	3 $\frac{11}{16}$	50	{ Glammet to Glandarium Glansvlieg to Glarans }	10 $\frac{1}{8}$	7 $\frac{3}{8}$	5 $\frac{1}{4}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	5 $\frac{1}{8}$	1 $\frac{1}{8}$	3 $\frac{1}{4}$	3 $\frac{11}{16}$	2 $\frac{7}{8}$	
100		11 $\frac{1}{16}$	8	3	3 $\frac{1}{8}$	2 $\frac{1}{8}$	6 $\frac{1}{16}$	1 $\frac{1}{4}$	3 $\frac{1}{4}$	4	100		12 $\frac{1}{16}$	8	6	6 $\frac{1}{8}$	2 $\frac{1}{2}$	7 $\frac{1}{16}$	1 $\frac{1}{4}$	3 $\frac{1}{4}$	4	3	
200		14 $\frac{1}{16}$	9 $\frac{1}{2}$	3 $\frac{3}{8}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	7 $\frac{1}{4}$	1 $\frac{5}{8}$	3 $\frac{1}{4}$	4 $\frac{1}{4}$	200		14 $\frac{1}{16}$	9 $\frac{1}{4}$	6 $\frac{1}{4}$	6 $\frac{1}{4}$	2 $\frac{1}{2}$	8 $\frac{1}{4}$	1 $\frac{5}{8}$	3 $\frac{1}{4}$	4 $\frac{1}{4}$	3 $\frac{3}{8}$	
300		16 $\frac{1}{16}$	10 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{8}$	9 $\frac{1}{4}$	1 $\frac{7}{8}$	1	5 $\frac{1}{8}$	300		16 $\frac{1}{16}$	10 $\frac{3}{8}$	7	7	2 $\frac{3}{8}$	9 $\frac{3}{8}$	1 $\frac{7}{8}$	1	5 $\frac{1}{8}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$
500		21 $\frac{1}{16}$	14 $\frac{1}{4}$	4 $\frac{1}{4}$	4 $\frac{1}{4}$	2 $\frac{1}{4}$	11 $\frac{3}{4}$	2 $\frac{3}{4}$	1 $\frac{1}{4}$	7 $\frac{3}{8}$	500		21 $\frac{1}{16}$	14 $\frac{1}{4}$	8 $\frac{1}{4}$	8 $\frac{1}{4}$	2 $\frac{1}{8}$	5	12	2 $\frac{3}{8}$	1 $\frac{1}{4}$	7 $\frac{3}{8}$	4 $\frac{1}{4}$
800		26	18	5	3	6 $\frac{1}{4}$	13 $\frac{3}{4}$	3	1 $\frac{1}{2}$	9	800	26 $\frac{3}{8}$	18	10	3	6 $\frac{1}{4}$	14	3	1 $\frac{1}{2}$	9	5		

TRIPLE POLE												FOUR POLE											
AMP.												AMP.											
Code Word												Code Word											
A												A											
B												B											
C												C											
D												D											
F												F											
G												G											
H												H											
J												J											
K												K											
V												V											
50	{ Glandicula * to											10 1/8	7 3/8	11 1/2	1 1/8	2 3/8	6 1/8	1 1/8	3/4	3 1/8	2 7/8		
100	{ Glandonis											12 1/8	8	12	1 1/4	2 1/2	7 1/8	1 1/4	3/4	4	3		
200	{ Glarantem											14 1/8	9 1/2	13 1/2	1 5/8	2 13/16	8 3/4	1 5/8	3/4	4 1/4	3 3/8		
300	{ Glarantem											16 1/8	10 3/8	14	1 7/8	3 1/8	9 1/4	1 7/8	1	5 1/8	3 1/2		
500	{ Glarantem											21 1/8	14 1/4	16 1/2	2 3/4	5	12	2 3/4	1 1/4	7 3/8	4 1/4		
800	{ Glaringly											26 3/8	18	20	3	6 1/4	14	3	1 1/2	9	5		

NOTE—25 ampere switches are not included in the above table.
 For dimension drawing, see page 11.
 *Dipped finish. †See page 4.
 †Polished finish.

G. 1. TYPE 2 KNIFE SWITCHES

WROUGHT COPPER CABLE TERMINALS



Glasgitter 300 Amp.



Glasgiroc 150 Amp.



Glasgiquill 100 Amp.



Glasgipat 75 Amp.

TERMINALS WITH SQUARED ENDS FOR BOLTING TO FLAT SURFACES

Code Word	Maximum Ampere Capacity	Maximum Size of Cable	Diameter of Stud Hole	Width of Flat Portion	Total Length	List Price per 100
Glasginitre	45	No. 4 B.&S.	$\frac{1}{4}$ "	$\frac{7}{16}$ "	$1\frac{1}{8}$ "	\$5.00
Glasgipat	75	No. 2 B.&S.	$\frac{7}{32}$ "	$\frac{5}{8}$ "	$1\frac{5}{8}$ "	7.50
Glasgiquill	100	No. 0 B.&S.	$\frac{9}{32}$ "	$\frac{3}{4}$ "	$1\frac{7}{8}$ "	8.50
Glasgiroc	150	No. 0000 B.&S.	$\frac{11}{32}$ "	1"	$2\frac{1}{2}$ "	14.00
Glasgisen	200	250,000 C.M.	$\frac{13}{32}$ "	$1\frac{1}{8}$ "	$2\frac{11}{16}$ "	16.50
Glasgitter	300	400,000 C.M.	$\frac{13}{32}$ "	$1\frac{3}{8}$ "	$3\frac{7}{16}$ "	27.50
Glasgivol	400	600,000 C.M.	$\frac{13}{32}$ "	$1\frac{11}{16}$ "	$4\frac{1}{8}$ "	42.00
Glasgizon	750	1,250,000 C.M.	$\frac{17}{32}$ "	$2\frac{5}{8}$ "	$6\frac{3}{8}$ "	90.00

Prices subject to change without notice.
Discounts on application.

G. I. TYPE 2 KNIFE SWITCHES

IMPORTANT NOTICE

Orders must contain full information on the following points:

Carrying Capacity — Amperes.....

Voltage.....

Finish.....

Number of Poles — 1 P., 2 P., 3 P., 4 P.....

Single or Double Throw — S. T., D. T.....

With or without Fuse Terminals.....

Unless otherwise directed, on all orders for blade switches, we furnish a full complement of lugs with all switches. Fuses not furnished.

Oil Switches, Voltmeter and Ground Detector Switches, Attaching Plugs and Flush Receptacles, Flush Switches and other articles more or less allied to the switch industry, all are described in separate Bulletins — a request for which will receive prompt attention.

Write for Bulletin No. 352, Describing and Illustrating
G. I. Automatic Magnetic Circuit Breakers

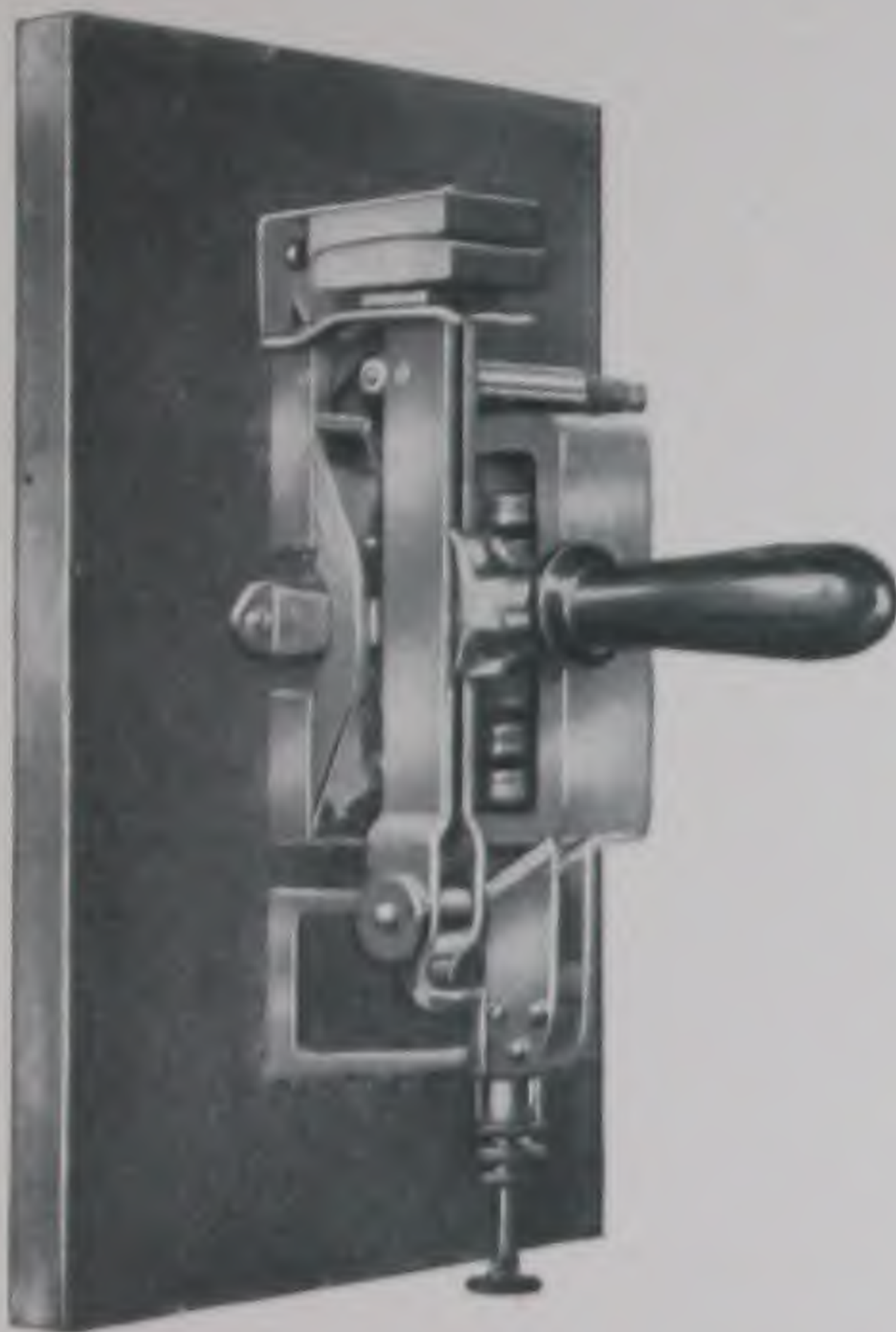


FIG. 1

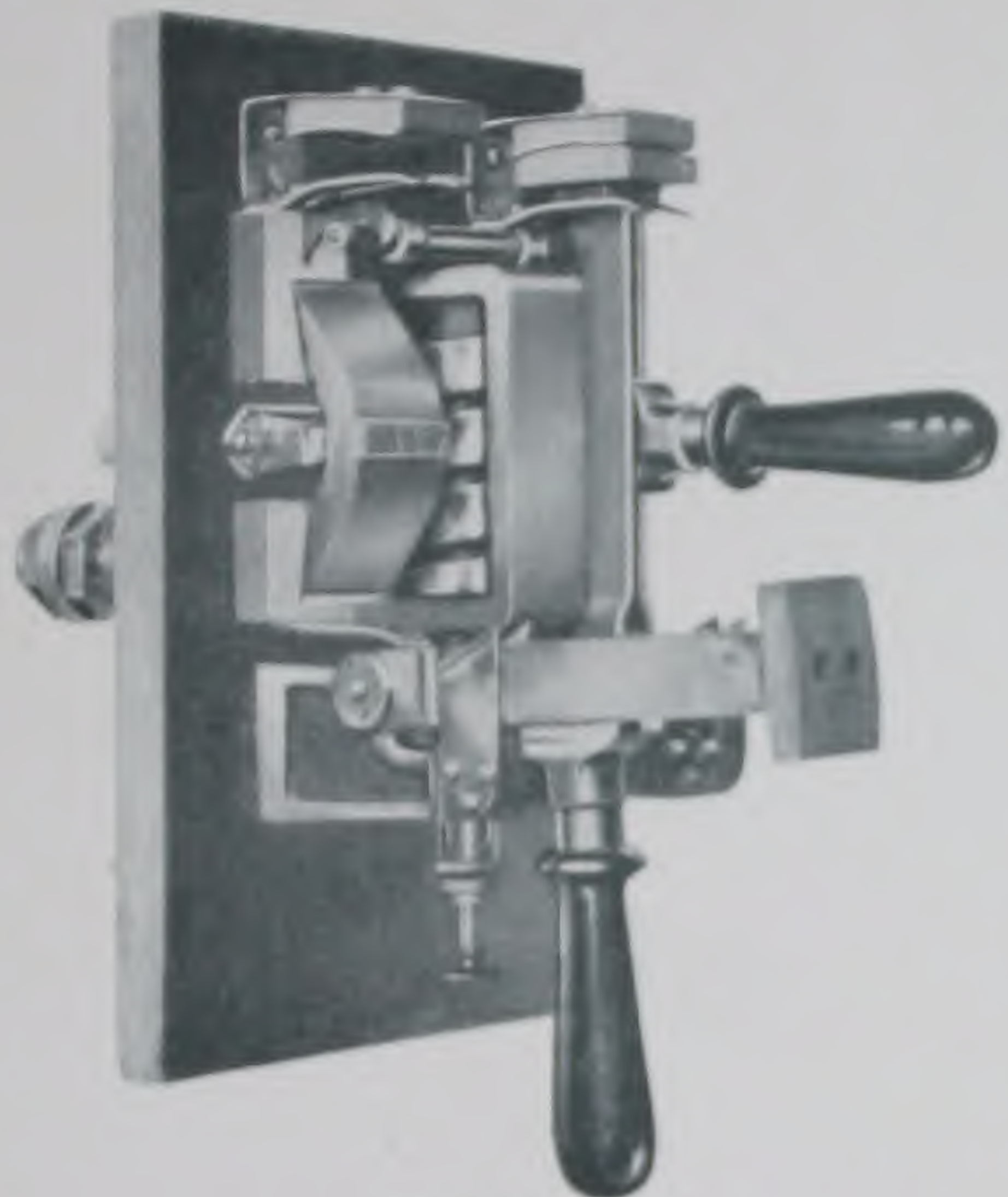


FIG. 2

THE G. I. CIRCUIT BREAKER

A careful inspection of our Circuit Breakers will reveal many points of superiority, both of a general and specific nature. We have eliminated all of the bad points that have developed in Circuit Breakers, and have embraced all of those that have stood the test of practical service. In doing this we have also produced a Circuit Breaker having many additional points of superiority.

GENERAL INCANDESCENT ARC LIGHT COMPANY

GENERAL SALES OFFICE: 529 WEST 34TH STREET, NEW YORK CITY

DISTRICT OFFICES

BOSTON, MASS.....	937 Oliver Building	EXPORT DEPT. (NEW YORK)...	529 West 34th St.
BUTTE, MONT.....	Montana Electric Company	PHILADELPHIA, PA.,	1208-1209 No American Bldg.
CHICAGO, ILL.....	1412-1413 Marquette Building	SAN FRANCISCO, CAL.,	69-75 New Montgomery St.
CINCINNATI, OHIO.....	62 Perin Building	SEATTLE, WASH.....	Pioneer Building
DENVER, COLO.....	1621 17th Street	ST. LOUIS, MO.....	638 Century Building

CABLE ADDRESS: "GIALCO, NEW YORK."

SEND FOR G. I. BULLETINS AS FOLLOWS:

	Bulletin No.	
D. C. Multiple, 100 to 125 V. Arc Lamps "O".....	271	G. I. White Catalogue
D. C. Series C. P. 200 to 600 V. Arc Lamps "L 3".....	274	
D. C. Series Constant Current Arc Lamps "L 5".....	275	
A. C. Multiple, 60 to 133 Cycle Arc Lamps "L 6".....	382	
Instruction Bulletin "L 6" Arc Lamps.....	1	
A. C. Arc Lamps "L 7" Series Shuntwound.....	383	
A. C. Differential Arc Lamps "L 8" Series.....	383	
D. C. Multiple, 200 to 250 V. Arc Lamps "L 12".....	273	
D. C. Multiple, 100 to 125 V. Lamps "L 11" and "L 21".....	372	
D. C. Multiple, 100 to 125 V. Type "L 31" Arc Lamp.....	78	
Instruction Bulletin "L 11" and "L 21" Arc Lamps.....	3	Arc and Incandescent Lamps
Instruction Bulletin "L 12" Arc Lamps.....	4	
Instruction Bulletin "L 8" Lamps.....	5	
Catalogue of Parts of Types "L 11" and "L 21" Arc Lamps.....	76	
Concentric Arc Light Diffuser Outfits.....	313	
Hanger Board for Multiple Arc Lamps.....	332	
Combined Hanger and Absolute Cutouts.....	333	
New Trimming Device for High Tension G. I. Arc Lamps.....	70	
Carbons for Enclosed Arc Lamps "Electra".....	300	
Carbons for Enclosed Arc Lamps "Columbia".....	23	
G. I. Incandescent Lamps.....	490	Switchboard Appliances
"Zodiac" Incandescent Lamps.....	92	
Open Bottom Globes.....	14	
Automatic Switches.....	715	
Knife Switches, Slow and Quick Break.....	150	
G. I. Type 2 Knife Switches.....	79	
Oil Switches and High Tension Apparatus.....	253	
Stab Switches, for Series Arc or Incandescent Circuits.....	327	
Voltmeter and Ammeter Switches.....	255	
Circuit Breakers, Under- and Overload.....	352	
Circuit Breakers, Special Small Sizes (Type C. B.).....	256	G. I. Buff Catalogue
Protective Fuse Devices.....	324	
S. K. C. Instruments.....	335	
Portable and Small Pocket Type Voltmeters and Ammeters.....	302	
Round Pattern Voltmeters and Ammeters.....	463	
Lightning Arresters.....	358	
Primary Fuse Box, Insulator Type.....	369	
Floor Outlet Boxes (Watertight).....	194	
Flush Receptacles and Plugs.....	254	
Flush Wall Pocket Receptacles.....	319	
Flush Push Button Switches.....	254	Wiring and General Appliances
Pendant Push Button.....	377	
Snap Switches.....	67	
Punched Clip Knife Switches.....	59	
Transformer, Type Z.....	49	
Rheostats and Field Regulators.....	340	
D. C. Motors and Generators.....	464	
A. C. Small Motors.....	266	
Grinding and Buffing Motors.....	360	
Rotary Converters and Motor-Generators.....	268	
D. C. and A. C. Sewing Machine Transmitters.....	265	G. I. Yellow Catalogue
D. C. Desk Bracket and Trunion Fan Motors.....	362	
D. C. Ceiling Fans.....	261	
General Instruction Bulletin Paragon Motors.....	12	
Automobile Charging Panels.....	115	
Small Plant Switch Panels.....	309	
Plug Panel Boards.....	107	
G. I. Panel Boards and Fuse Carriers.....	151	
Wright Demand Meters.....	193	
Blue Printing Outfit.....	18	
Underground Apparatus.....	291	G. I. Green Catalogue Miscellaneous

[BLANK PAGE]



CCA